

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
 Data File : BF103626.D
 Acq On : 14 Mar 2018 3:16
 Operator : SJ/JU
 Sample : J1896-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

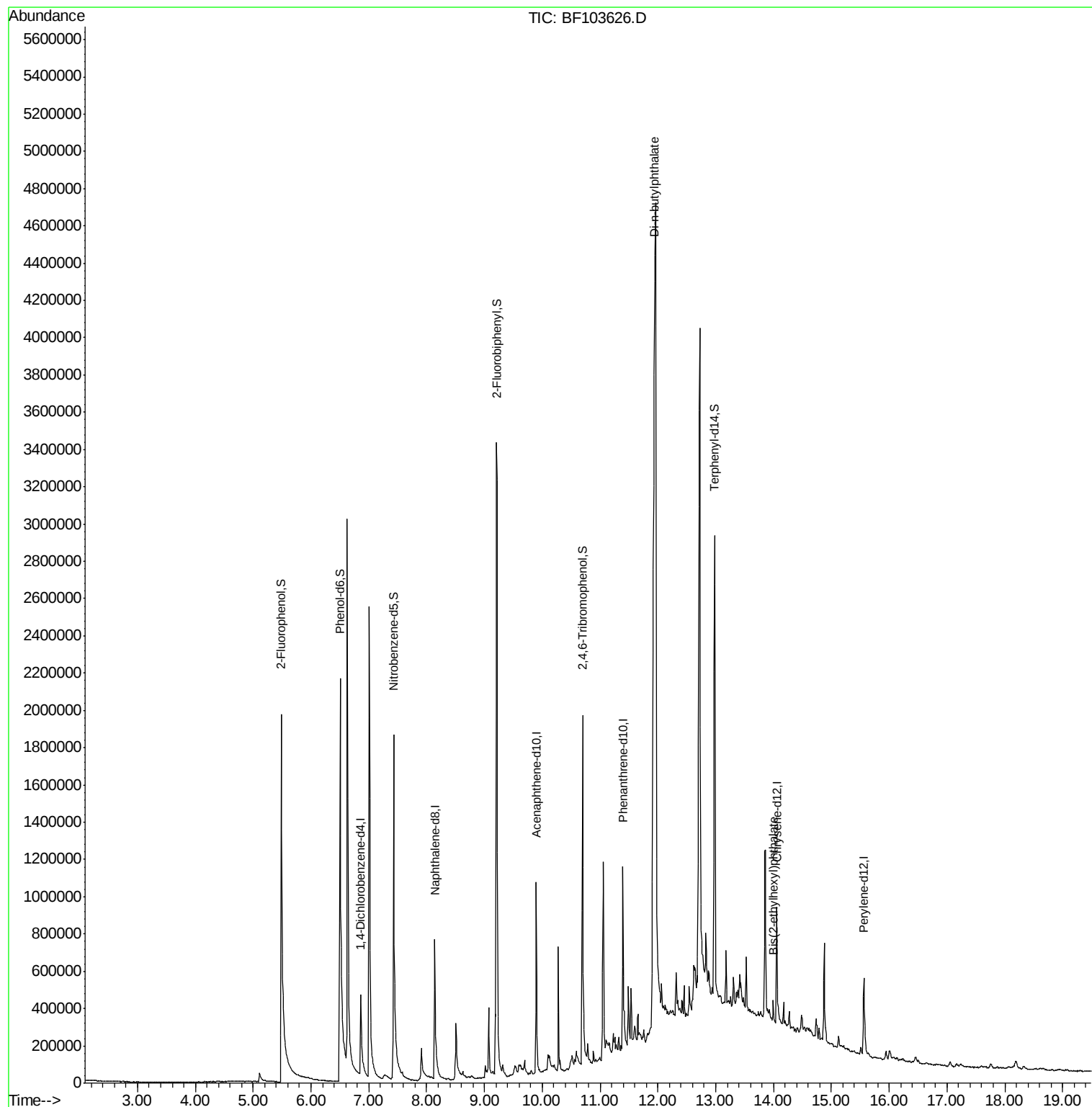
Quant Time: Mar 14 04:55:24 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	131889	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	581729	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	260938	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	433821	20.00	ng	-0.01
75) Chrysene-d12	14.06	240	250608	20.00	ng	0.00
86) Perylene-d12	15.56	264	236253	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1197370	137.31	ng	0.00
7) Phenol-d6	6.50	99	1436950	134.66	ng	0.00
23) Nitrobenzene-d5	7.43	82	1005760	98.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	266679	120.74	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1413701	96.29	ng	-0.01
78) Terphenyl-d14	12.98	244	1065833	102.24	ng	0.00
Target Compounds						
73) Di-n-butylphthalate	11.94	149	341025	11.179	ng	98
83) Bis(2-ethylhexyl)phthalate	14.00	149	33322	2.392	ng	# 98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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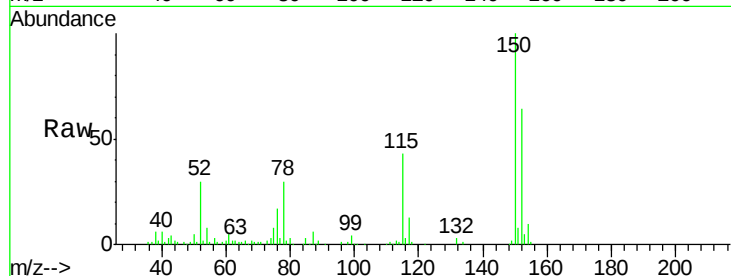




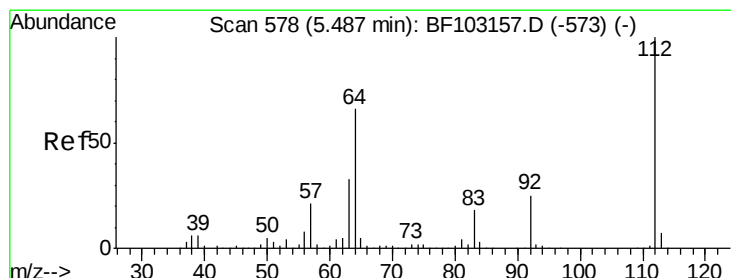
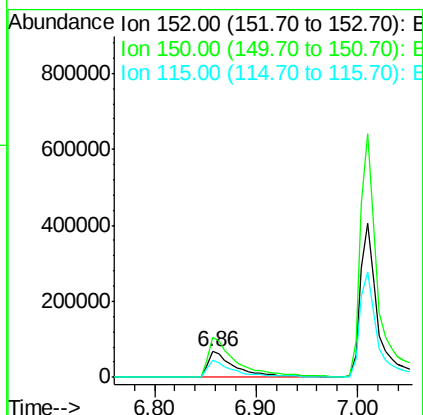
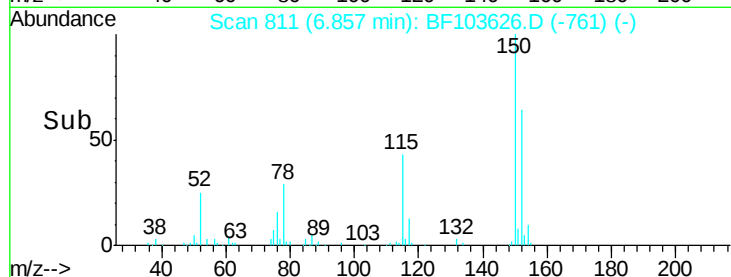
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103626.D
Acq: 14 Mar 2018 3:16

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	186.8
115	66.8	50.1	75.1



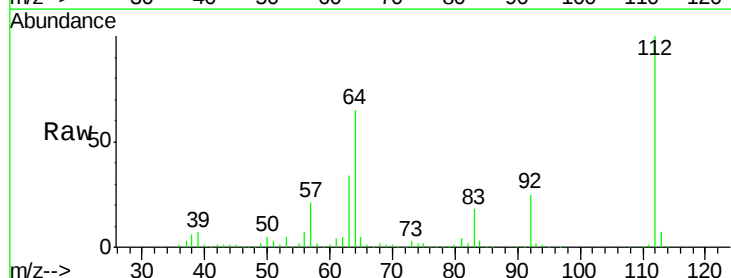
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



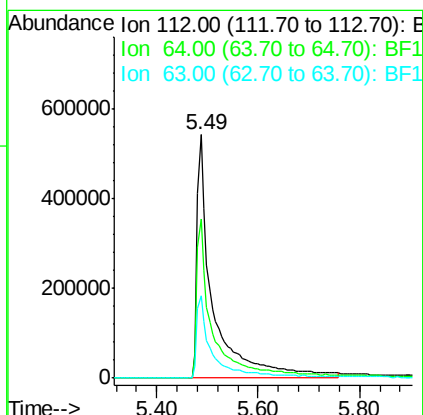
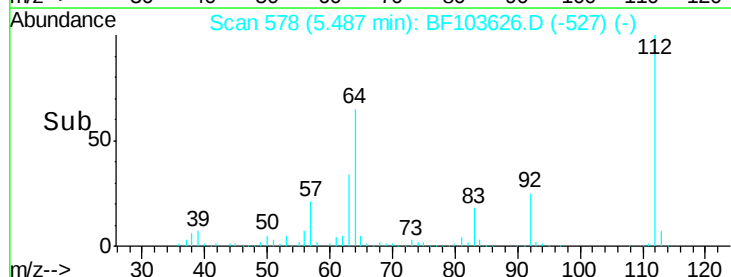
#5

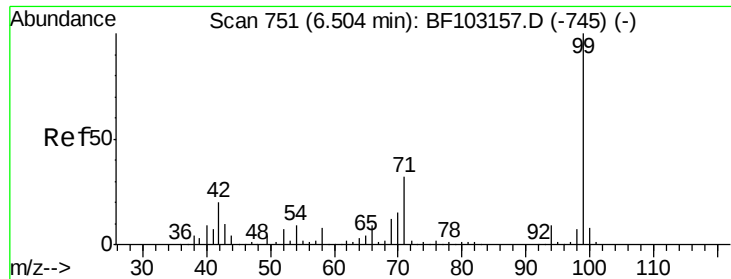
2-Fluorophenol
Concen: 137.308 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF103626.D
Acq: 14 Mar 2018 3:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.4	47.9	71.9
63	34.0	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 134.664 ng

RT: 6.50 min Scan# 751

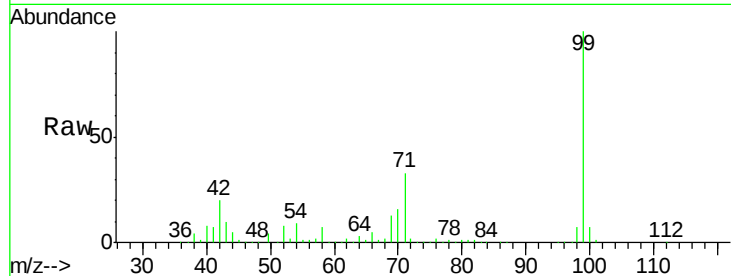
Delta R.T. -0.01 min

Lab File: BF103626.D

Acq: 14 Mar 2018 3:16

Tot Ion: 99 Resp: 1436950

Ion	Ratio	Lower	Upper
99	100		
42	20.4	14.5	21.7
71	32.7	25.4	38.0

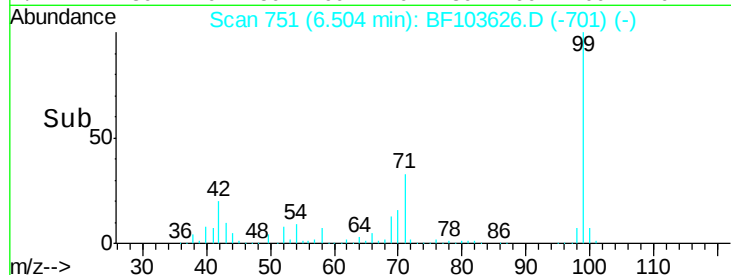


Abundance

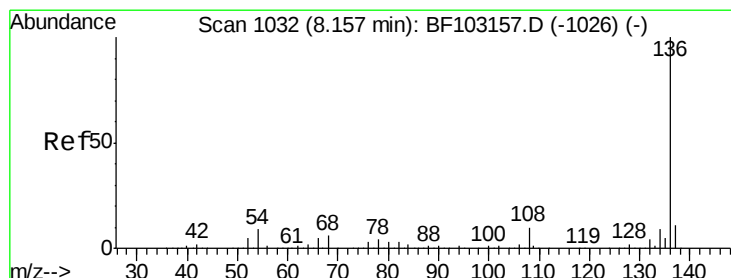
Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

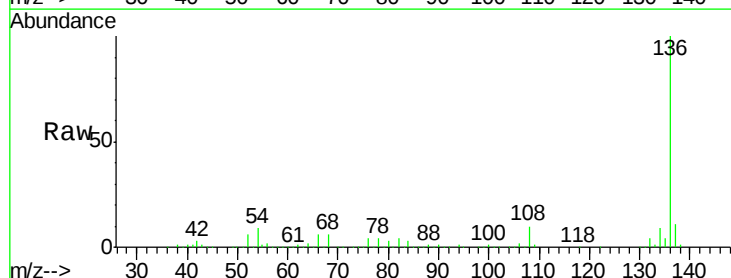
Delta R.T. -0.01 min

Lab File: BF103626.D

Acq: 14 Mar 2018 3:16

Tgt Ion:136 Resp: 581729

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.1	6.6	9.8
68	6.4	5.0	7.4



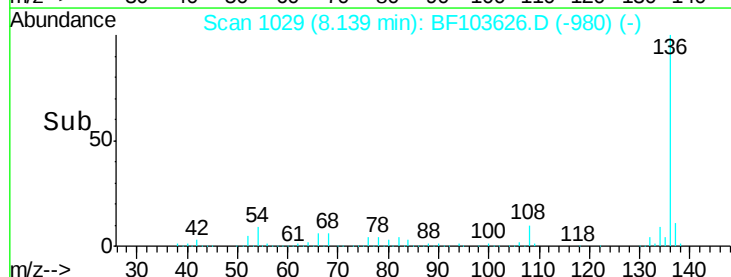
Abundance

Ion 136.00 (135.70 to 136.70): E

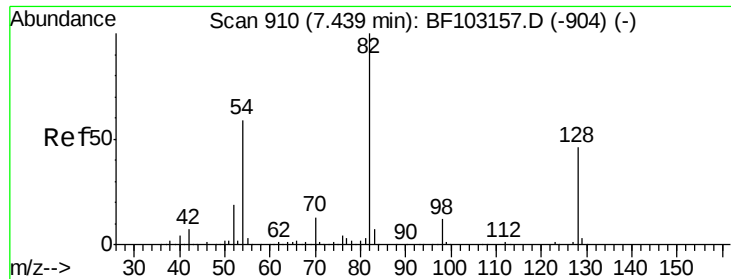
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 98.736 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF103626.D

Acq: 14 Mar 2018 3:16

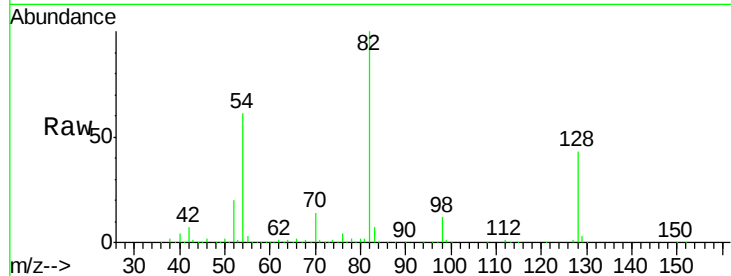
Tot Ion: 82 Resp: 1005760

Ion	Ratio	Lower	Upper
82	100		
128	43.1	36.1	54.1
54	61.5	41.4	62.2

82 100

128 43.1 36.1 54.1

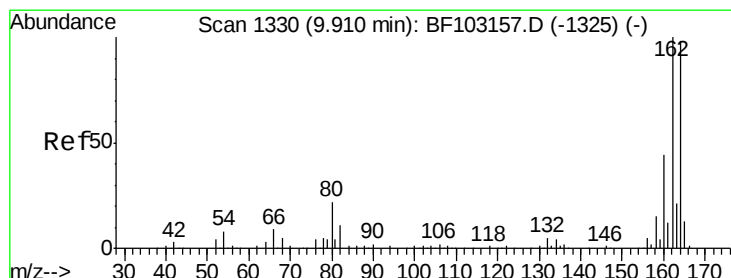
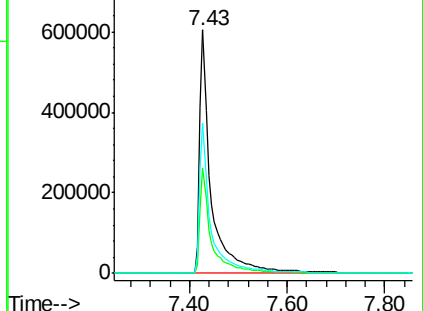
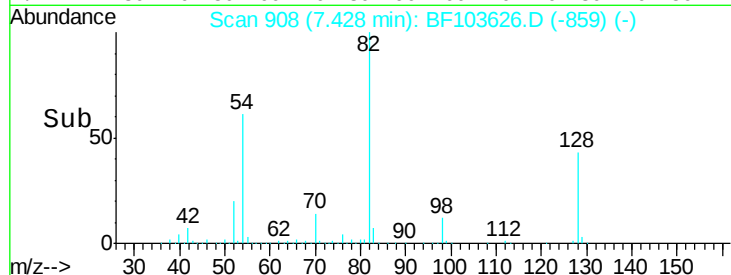
54 61.5 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.02 min

Lab File: BF103626.D

Acq: 14 Mar 2018 3:16

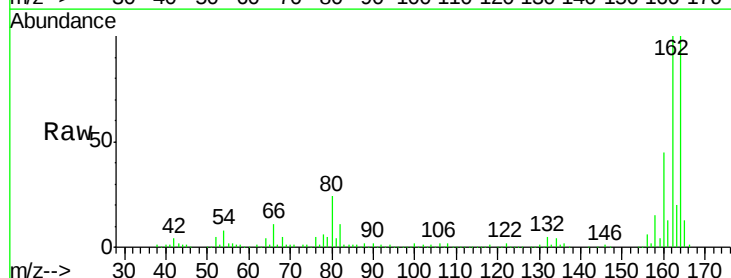
Tgt Ion: 164 Resp: 260938

Ion	Ratio	Lower	Upper
164	100		
162	100.0	86.1	129.1
160	45.3	38.3	57.5

164 100

162 100.0 86.1 129.1

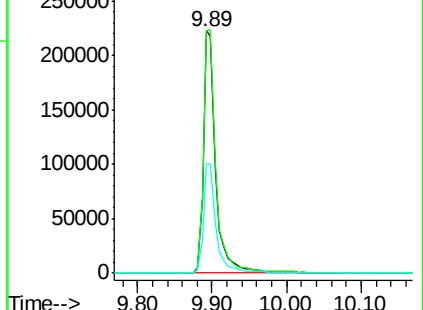
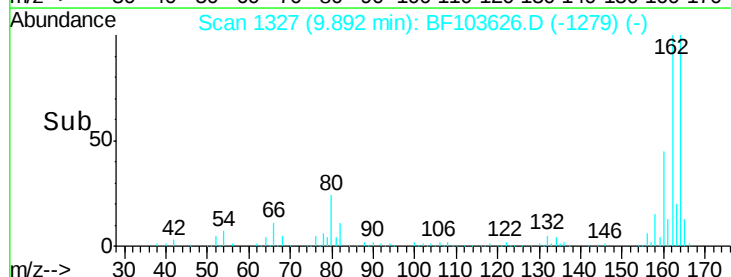
160 45.3 38.3 57.5

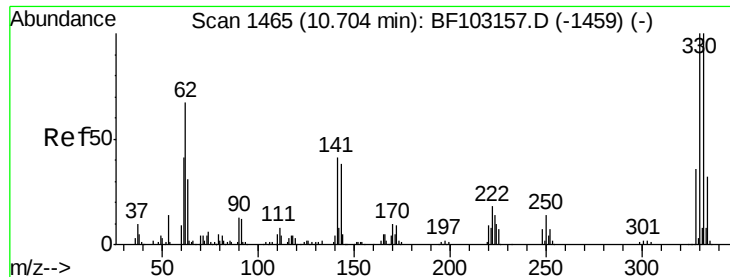


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

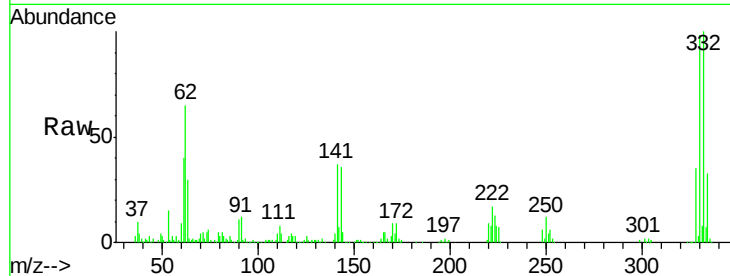
Ion 160.00 (159.70 to 160.70): BF1





#41
 2,4,6-Tribromophenol
 Concen: 120.740 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF103626.D
 Acq: 14 Mar 2018 3:16

Tot Ion	Ratio	Lower	Upper
330	100		
332	102.6	77.0	115.6
141	46.9	29.9	44.9

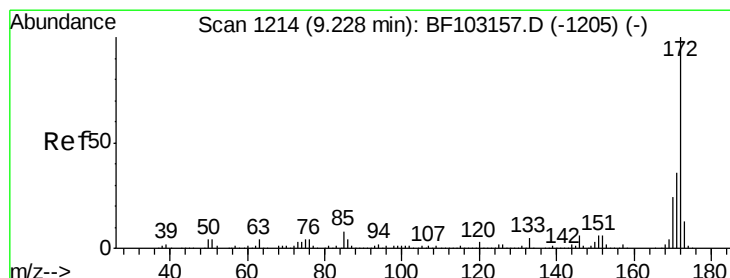
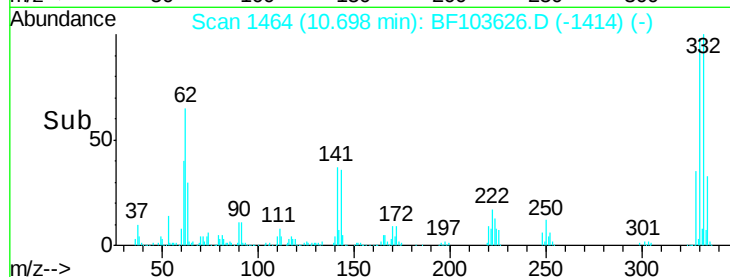
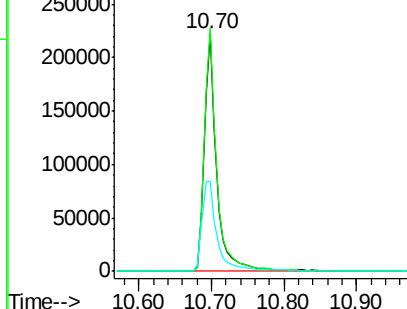


Abundance

Ion 329.80 (329.50 to 330.50): E

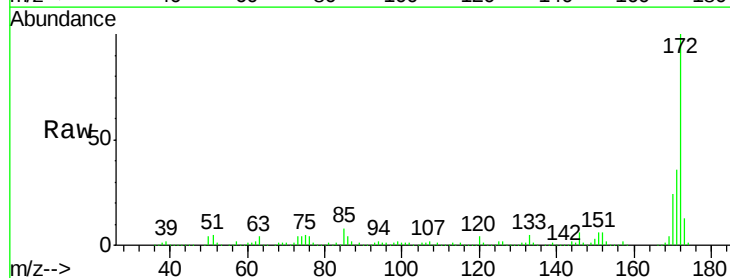
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 96.290 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF103626.D
 Acq: 14 Mar 2018 3:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.4	19.6	29.4

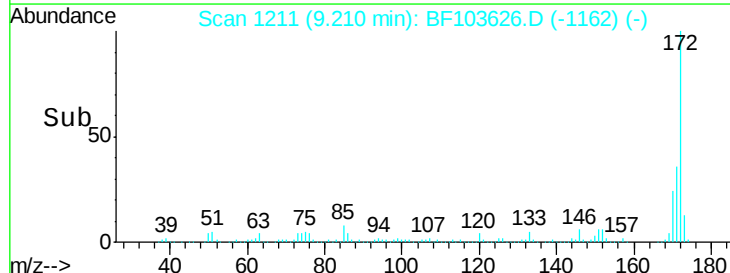
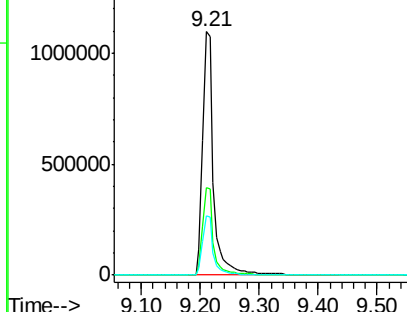


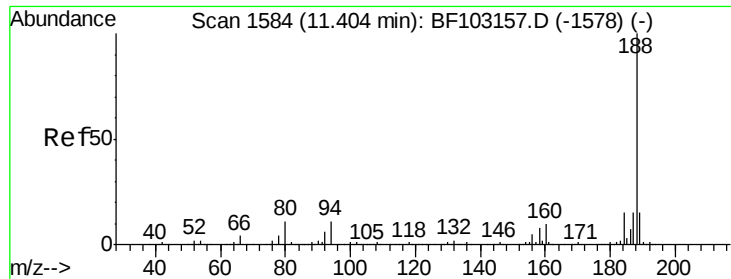
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

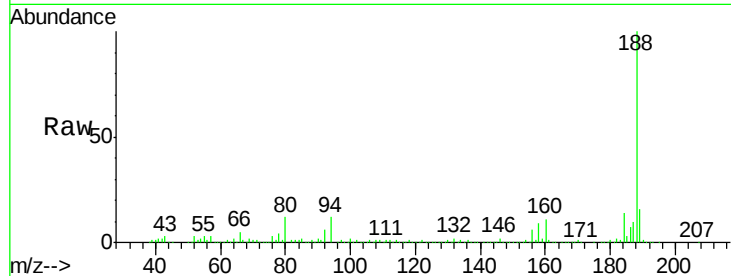
Ion 170.00 (169.70 to 170.70): E





#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF103626.D
 Acq: 14 Mar 2018 3:16

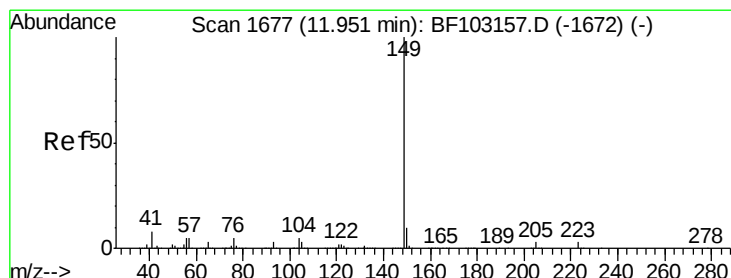
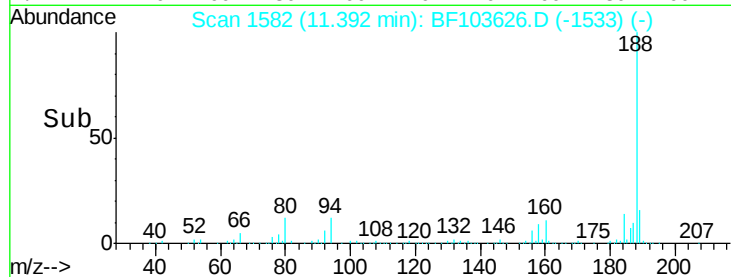
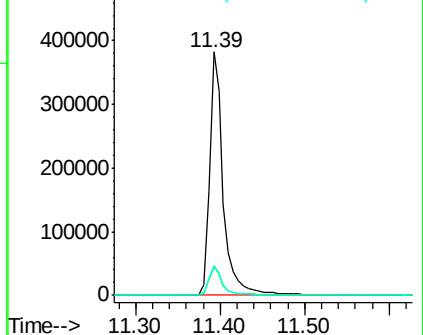
Tot Ion:188	Resp:	433821
Ion	Ratio	Lower Upper
188	100	
94	12.0	8.5 12.7
80	12.5	9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

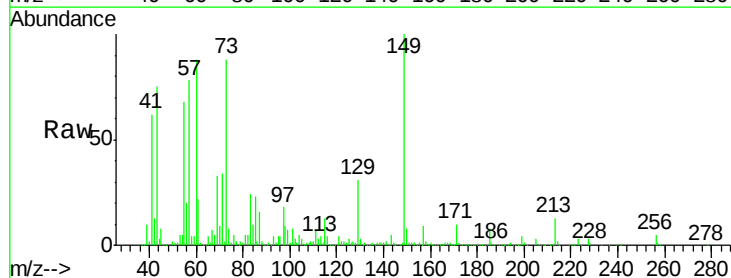
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#73
 Di-n-butylphthalate
 Concen: 11.179 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. -0.01 min
 Lab File: BF103626.D
 Acq: 14 Mar 2018 3:16

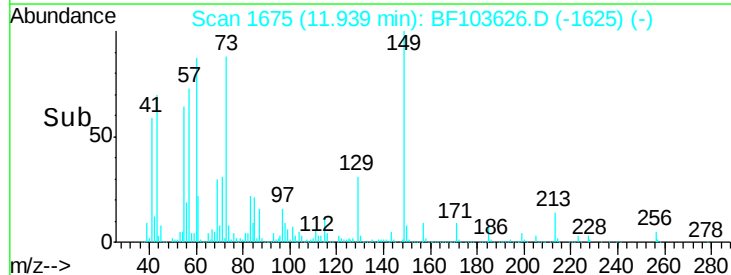
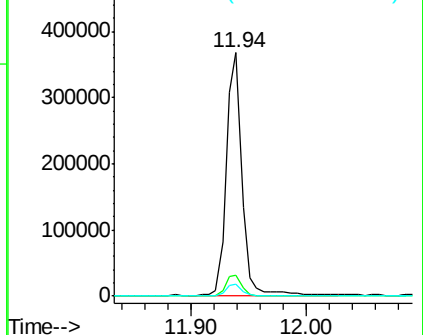
Tgt Ion:149	Resp:	341025
Ion	Ratio	Lower Upper
149	100	
150	8.5	7.8 11.6
104	5.0	3.8 5.8

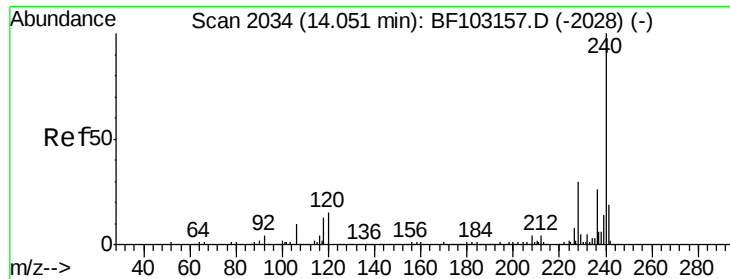


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF103626.D

Acq: 14 Mar 2018 3:16

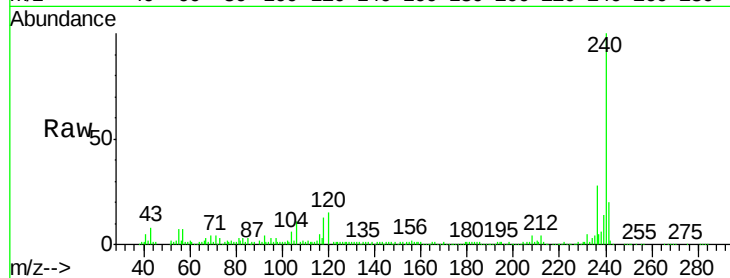
Tot Ion:240 Resp: 250608

Ion Ratio Lower Upper

240 100

120 14.7 9.5 14.3#

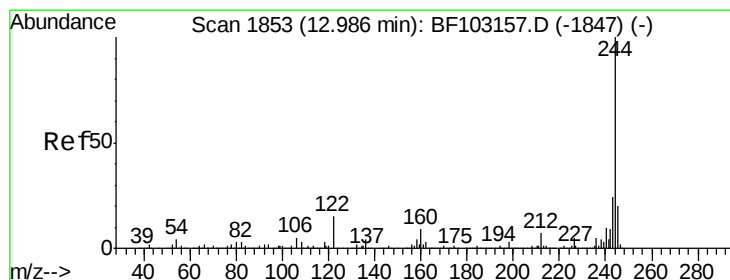
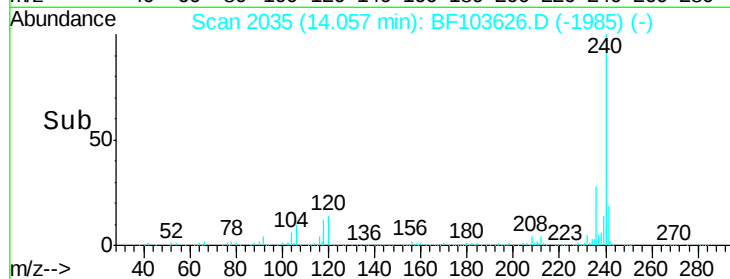
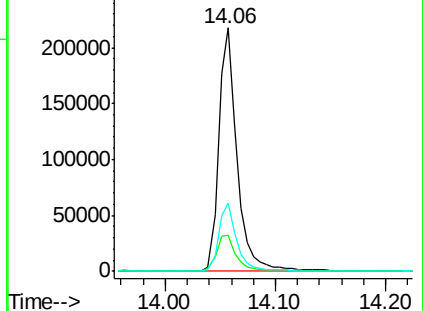
236 28.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 102.236 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF103626.D

Acq: 14 Mar 2018 3:16

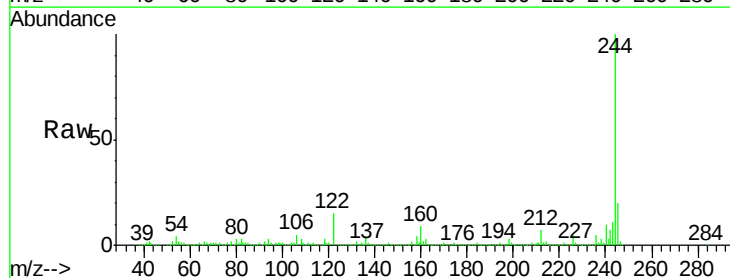
Tgt Ion:244 Resp: 1065833

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

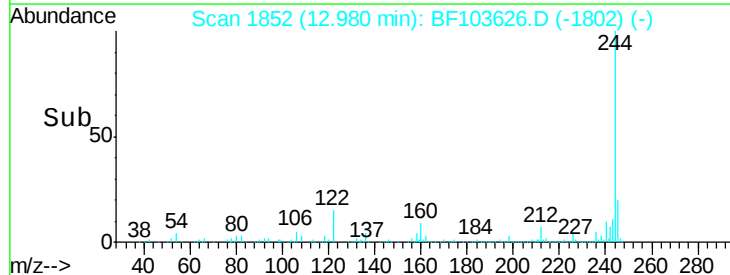
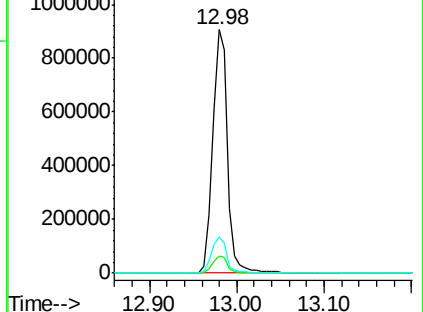
122 15.0 11.0 16.4

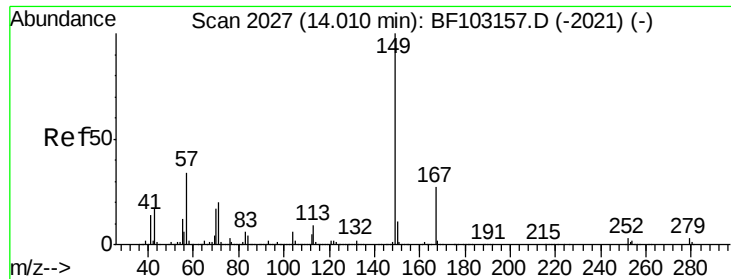


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

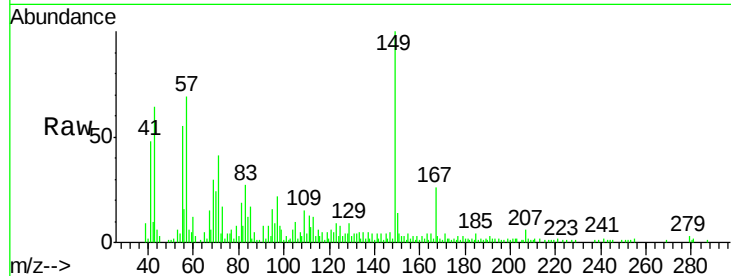
Ion 122.00 (121.70 to 122.70): E



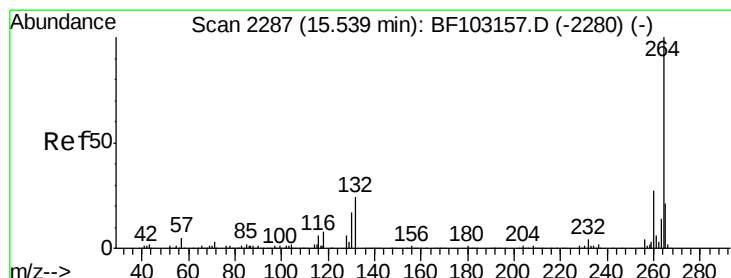
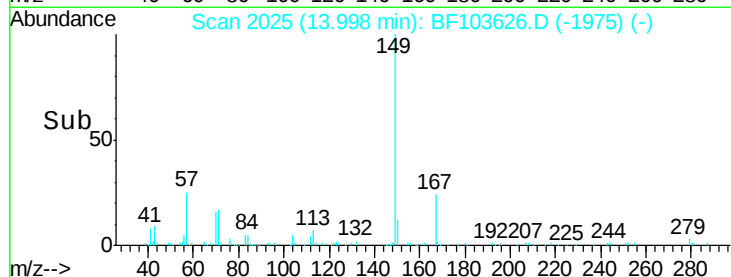
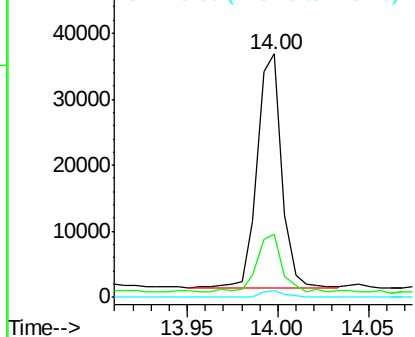


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.392 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF103626.D
Acq: 14 Mar 2018 3:16

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.3	31.9
279	2.8	3.0	4.4

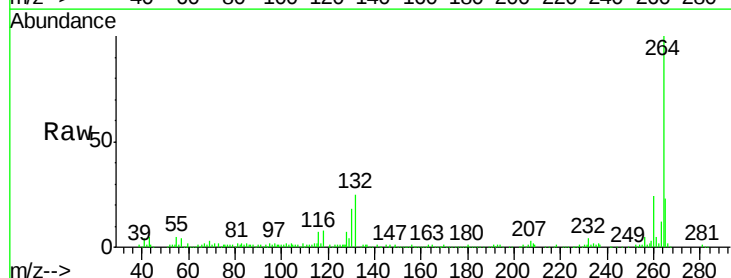


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF103626.D
Acq: 14 Mar 2018 3:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.8	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

